

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	156942	delay adj2 (circuit or element or unit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/14 16:58
S2	222316	(rising or leading) adj edge	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/14 16:58
S3	30249	(falling or lagging) adj edge	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/14 16:58
S4	301115	multiplex\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/12 16:30
S5	25910	mux	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/12 16:30
S6	305218	S4 or S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/09 14:04
S7	69700	delay.ab. adj2 (circuit or element or unit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/12 16:31
S8	1108	S7 and S2 and S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/09 14:03

## EAST Search History

S9	413	S8 and S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/12 16:31
S10	1394	sries	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/12 16:31
S11	2316889	series	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/12 16:31
S12	291	S9 and S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/17 17:25
S13	1722	327/291,299.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/12 16:50
S14	339	S13 and delay.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/12 16:50
S15	141	S14 and S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/17 17:27
S16	8	("4637018"   "5329188"   "5604452"   "5646558"   "6404839"   "6424691"   "6477186"   "6600355").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/12 16:55
S17	20	("4612466"   "4985643"   "4992676"   "5061864"   "5124568"   "5149990"   "5239211"   "5512854"   "5519344"   "5596296"   "5610548"   "5675273"   "5717343"   "5760620"   "5760634"   "5828249"   "5977807"   "6040713"   "6104643"   "6236237").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/12 17:01

## EAST Search History

S18	8	("4737670"   "5008563"   "5438550"   "5465062"   "5550514"   "5589788"   "5638016"   "5952868").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 16:21
S19	5	("5245637"   "5537069"   "5994938"   "6040726"   "6100735").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 16:35
S20	8	("4051390"   "4141033"   "4675546"   "4985640"   "5317202"   "5336939"   "5359232"   "5418485").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 16:57
S21	77415	pulse.ab.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 16:57
S22	40920	delay.ab.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 16:57
S23	442919	latch or flop	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 16:57
S24	2035	S21 and S22 and S23	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 16:57
S25	222335	(rising or leading) adj edge	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/14 16:58
S26	1016	S24 and S25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/14 16:58
S27	30252	(falling or lagging) adj edge	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/14 16:58
S28	445	S26 and S27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/14 16:58
S29	156976	delay adj2 (circuit or element or unit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/14 16:59

## EAST Search History

S30	342	S28 and S29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/14 16:58
S31	69734	delay.ab. adj2 (circuit or element or unit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/14 16:59
S32	167	S28 and S31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/17 17:28
S33	1	("5869992").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 17:25
S34	8615	plurality adj2 delay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/14 17:26
S35	14845	RS adj3 flop	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/14 17:26
S36	226	S34 and S35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/15 08:16
S38	8618	plurality adj2 delay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/15 08:16
S39	14846	RS adj3 flop	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/15 08:16

## EAST Search History

S40	226	S38 and S39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/15 08:30
S41	0	pluratiy with delay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/15 08:32
S42	36509	plurality with delay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/15 08:32
S43	43585	plurality with (flop or latch\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/15 08:33
S44	556269	pulse.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/15 08:33
S45	270740	delay.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/15 08:33
S46	234	S42 and S43 and S44 and S45	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/15 08:33
S47	222	S46 not S40	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/15 08:33
S48	11792	327/261,263,266,269-277,284,291,295, 113-121,141,144,145,153,161.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/09 14:03

## EAST Search History

S49	223396	(rising or leading) adj edge	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/09 14:03
S50	30519	(falling or lagging) adj edge	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/09 14:03
S51	69933	delay.ab. adj2 (circuit or element or unit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/09 14:03
S52	1114	S51 and S49 and S50	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/09 14:04
S53	324	S48 and S52	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/17 17:29
S54	303321	multiplex\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/09 14:04
S55	26163	mux	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/09 14:04
S56	307477	S54 or S55	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/09 14:04
S57	140	S53 and S56	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/17 17:31

## EAST Search History

S58	225971	(rising or leading) adj edge	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/17 17:25
S59	31243	(falling or lagging) adj edge	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/17 17:25
S60	308698	multiplex\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/17 17:25
S61	26792	mux	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/17 17:25
S62	312974	S60 or S61	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/17 17:25
S63	70360	delay.ab. adj2 (circuit or element or unit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/17 17:25
S64	1141	S63 and S58 and S59	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/17 17:25
S65	428	S64 and S62	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/17 17:25
S66	2352831	series	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/17 17:25

## EAST Search History

S67	301	S65 and S66	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/17 17:26
S68	1743	327/291,299.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/17 17:27
S69	344	S68 and delay.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/17 17:27
S70	144	S69 and S58	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/17 17:27
S71	78771	pulse.ab.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/17 17:28
S72	41954	delay.ab.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/17 17:28
S73	449088	latch or flop	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/17 17:28
S74	2068	S71 and S72 and S73	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/17 17:28
S75	225971	(rising or leading) adj edge	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/17 17:28
S76	1036	S74 and S75	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/17 17:28
S77	31243	(falling or lagging) adj edge	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/17 17:28



## EAST Search History

S78	456	S76 and S77	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/17 17:28
S79	70360	delay.ab. adj2 (circuit or element or unit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/17 17:28
S80	169	S78 and S79	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/17 17:28
S81	11888	327/261,263,266,269-277,284,291,295, 113-121,141,144,145,153,161.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/17 17:29
S82	225971	(rising or leading) adj edge	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/17 17:29
S83	31243	(falling or lagging) adj edge	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/17 17:29
S84	70360	delay.ab. adj2 (circuit or element or unit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/17 17:29
S85	1141	S84 and S82 and S83	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/17 17:29
S86	331	S81 and S85	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/17 17:29

## EAST Search History

S87	331	S81 and S85	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/17 17:31
S88	308698	multiplex\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/17 17:31
S89	26792	mux	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/17 17:31
S90	312974	S88 or S89	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/17 17:31
S91	144	S87 and S90	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/17 17:32
S92	20938	delay.clm.	US-PGPUB	OR	ON	2006/02/17 17:33
S93	5768	(rising or leading) adj edge.clm.	US-PGPUB	OR	ON	2006/02/17 17:33
S94	1171	(falling or lagging) adj edge.clm.	US-PGPUB	OR	ON	2006/02/17 17:34
S95	6062	S93 or S94	US-PGPUB	OR	ON	2006/02/17 17:34
S96	775	S92 and S95	US-PGPUB	OR	ON	2006/02/17 17:40
S97	389117	multiplexer.clm. or select\$3.clm.	US-PGPUB	OR	ON	2006/02/17 17:35
S98	354	S96 and S97	US-PGPUB	OR	ON	2006/02/17 17:36
S99	393598	plurality.clm.	US-PGPUB	OR	ON	2006/02/17 17:36
S100	243	S98 and S99	US-PGPUB	OR	ON	2006/02/17 17:37
S101	16414	first adj direction.clm.	US-PGPUB	OR	ON	2006/02/17 17:37
S102	5	S100 and S101	US-PGPUB	OR	ON	2006/02/17 17:38
S103	27264	transition\$3.clm.	US-PGPUB	OR	ON	2006/02/17 17:38
S104	66	S100 and S103	US-PGPUB	OR	ON	2006/02/17 17:38
S105	45119	series.clm.	US-PGPUB	OR	ON	2006/02/17 17:38
S106	18	S104 and S105	US-PGPUB	OR	ON	2006/02/17 17:39
S107	17	S106 not S102	US-PGPUB	OR	ON	2006/02/17 17:39

## EAST Search History

S108	2132081	intermediate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/17 17:40
S109	67	S98 and S108	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/17 17:41
S110	17	S109 and S103	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/17 17:41